#### Message

From: Pierce, Maggie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=65DA64C7613743968F3703922AE72743-PIERCE, MAGGIE]

**Sent**: 10/9/2020 6:15:13 PM

To: Wirick, Holiday [wirick.holiday@epa.gov]
CC: Todd, Andrew [Todd.Andrew@epa.gov]

Subject: RE: Request your review of draft comments on ND's proposed WQS revisions

Hi Holly,

Thanks for sharing the documents. It helped me understand what's going on. Some thoughts in response to your questions in red below. Let me know of any questions or other follow-up. It's good for my brain to look at different WQS. (3) I'll be working all next week except the holiday.

m.

From: Wirick, Holiday <wirick.holiday@epa.gov>

**Sent:** Thursday, October 8, 2020 6:10 PM **To:** Pierce, Maggie <Pierce.Maggie@epa.gov> **Cc:** Todd, Andrew <Todd.Andrew@epa.gov>

Subject: Request your review of draft comments on ND's proposed WQS revisions

Hi Maggie, per our conversation this afternoon, I'm considering including the three comments listed below in R8's letter to ND DEQ during the public period which ends October 23. I can also contact Pete Wax directly with these comments if that would be best. I greatly appreciate your help and expertise. I hope you feel better soon!!

I attached the following 3 files for your reference:

#### "ND WQS Spreadsheet ACUTE\_CHRONIC"

ND DEQ's acute and chronic calculations with different hardness values.

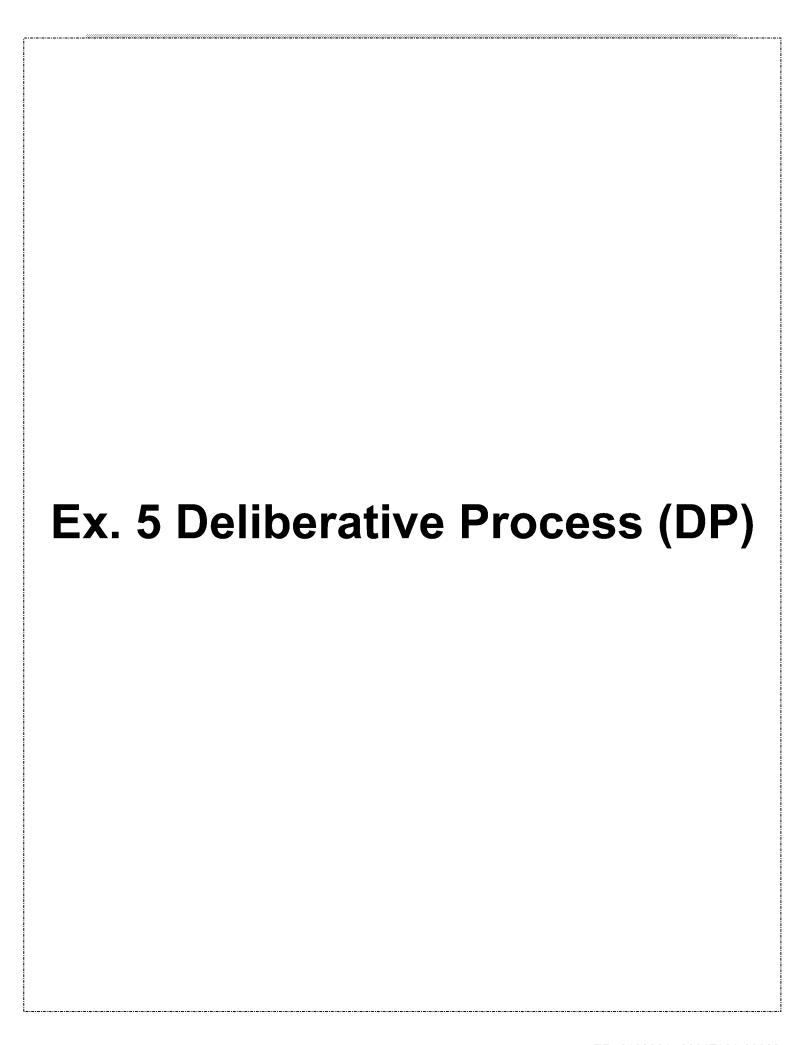
"ND WQS 2020\_Complete\_Rule\_Amendments\_Strikeout\_Color\_New" ND DEQ's proposed WQS revisions.

### "ND WQS lentic&loticSystemsData Hardness Working Files"

More of an FYI - it's the state's lentic and lotic systems data collected over the last 27+ years. Lentic system data collected between 1991 and 2020 at 0-6' (7,141 samples). Maximum concentrations of 3,550 mg/l, Average concentration of 442 mg/l, Median concentration of 405 mg/l. Lotic systems data collected between 1993 and 2020 at all depths (13,597 samples). Maximum concentrations of 14,500 mg/l, Average concentration of 632 mg/l, Median concentration of 428 mg/l.

My proposed comments (to be tweaked) are:

## Ex. 5 Deliberative Process (DP)



# Ex. 5 Deliberative Process (DP)

- Thanks so much for reviewing these proposed comments. Have a fabulous, fun and healthy weekend!
- Holly